Approved for use through 10/31/2002. OMB 0651-0032 Please type a plus sign (+) inside this box U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION **TRANSMITTAL**

| Attorney Docket No. | 30-5004 DIV2 |
|---------------------|----------------|
| First Inventor | Vladimir Segal |
| Title See 1 in Ad | dendum |

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| First I | nventor Vladimir Segal | |
|---------|---------------------------------|-----------|
| Title | See 1 in Addendum | |
| | ss Mail Label No. EL844046665US | · · · · · |

| APPLICA | TION ELEMENTS | ADD | DEAN TA | tant Commissioner for Patents Patent Application | ; |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------|-------------------------------------------------------------|----------------------|
| See MPEP chapter 600 cond | cerning utility patent application conte | | | nington, DC 20231 | |
| 1. (Submit an original and a | orm (e.g., PTO/SB/17) duplicate for fee processing) | 7. | Computer Program (| | |
| 2. Applicant claims s See 37 CFR 1.27 | , | | eleotide and/or Amino Ac Applicable, all necessary) | id Sequence Submission | |
| 3. X Specification (preferred arrangement) | [Total Pages 35] | a. [| Computer Readable | | |
| - Descriptive title - Cross Referenc | of the invention e to Related Applications | b. | Specification Sequence I | isting on: | |
| - Statement Reg | arding Fed sponsored R & D | | i. CD-ROM or | CD-R (2 copies); or | |
| or a computer p | quence listing, a table, program listing appendix | | ii. ☐ paper | | , |
| - Background of - Brief Summary | | C. | | g identity of above copies | |
| - Brief Description | n of the Drawings (if filed) | | | APPLICATION PARTS | |
| - Detailed Descri - Claim(s) | ption | 9. [| Assignment Papers 37 CFR 3.73(b) Sta | (cover sheet & document(s)) tement Power of | |
| - Abstract of the | Disclosure | 10. | (when there is an as | | |
| 4. X Drawing(s) (35 U | I.S.C. 113) [Total Sheets |] 11.[| ~ | Document (if applicable) | |
| 5. Oath or Declaration | [Total Pages 3 |]] 12. [| Information Disclos Statement (IDS)/PT | 1 1 000 100 100 | 5 |
| a. Newly exec | uted (original or copy) | 13. | X Preliminary Amend | | |
| b. X Copy from a | prior application (37 CFR 1.63 (d)) httion/divisional with Box 18 completed |) 14. [| X Return Receipt Pos (Should be specific | stcard (MPEP 503) (2) ally itemized) | |
| | ION OF INVENTOR(S) atement attached deleting inventor(s) | 15. | Certified Copy of P (if foreign priority is | riority Document(s) claimed) | |
| | the prior application, see 37 CFR 'and 1 33(b) | 16. | (b)(2)(B)(i). Applica | ication under 35 U.S.C. 122 nt must attach form PTO/SB/3 | 35 |
| 6. Application Data | Sheet. See 37 CFR 1.76 | 17. | X Other: \$7.10.Cl | neck | |
| | CATION, check appropriate box, and | supply the requ | uisite information below a | and in a preliminary amendmei | nt, |
| or in an Application Data She | Divisional Continuation-in-part | (CIP) | of prior application No0 | 9 / 465,492 | |
| Prior application information. | Examiner H. Wilkins II | | Group Art Unit. 1742 | | |
| Box 5b. is considered a part | ONAL APPS only: The entire disclosure of the disclosure of the accompanying of the disclosure of the accompanying of relied upon when a portion has been in | ontinuation or d | visional application and is | hereby incorporated by reference | |
| | 19. CORRESPO | | | , | |
| X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below | | | | | |
| Name | | | | | |
| | | | | | |
| Address | | | | <u></u> | |
| City | | State | | Zip Code | |
| Country | | Telephone | | Fax | |
| Name (Print/Type) | David G. Latwesen, Ph.D. | Reg | istration No. (Attorney | /Agent) 38,533 | $\overline{\bigcap}$ |
| Signature Date 7/24/0/ | | | | | |
| 2.3 | 1 1 1 1 1 | | | // / ///// | _ |

Burden Hour Statement: This form is estimated to take 2 nours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to re **FEE TRANSMITTAL** for FY 2000

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT (\$)710.00

| sporta to a delicotion of information unless it displays a valid civil control fluitiber. | | | | |
|-------------------------------------------------------------------------------------------|-----------------------------|--|--|--|
| Complete if Known | | | | |
| Application Number | Priority: 09/465,492 | | | |
| Filing Date | Priority: December 16, 1999 | | | |
| First Named Inventor | Vladimir Segal | | | |
| Examiner Name | Priority: H. Wilkins III | | | |
| Group / Art Unit | Priority: 1742 | | | |
| Attorney Docket No. | 30-5004 DIV2 | | | |

| METHOD OF PAYMENT (check one) | FEE CALCULATION (continued) | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------|--|--|--|
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: 3. ADDITIONAL FEES Large Entity Small Entity | | | | | |
| Deposit | Fee Fee Fee Fee Fee Description Code (\$) Code (\$) | Fee Paid | | | |
| Account Number 23-0925 | 105 130 205 65 Surcharge - late filing fee or oath | 0.00 | | | |
| Deposit Account Wells, St. John et al. | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet. | 0.00 | | | |
| Name VV 6115, Gt. 30111 Ct al. | 139 130 139 130 Non-English specification | 0.00 | | | |
| Charge Any Additional Fee Required Under 37 CFR §§ 1 16 and 1 17 | 147 2,520 147 2,520 For filing a request for reexamination | 0.00 | | | |
| 2. X Payment Enclosed: | 112 920* 112 920* Requesting publication of SIR prior to Examiner action | 0.00 | | | |
| X Check Money Other | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action | 0.00 | | | |
| FEE CALCULATION | 115 110 215 55 Extension for reply within first month | 0.00 | | | |
| 1. BASIC FILING FEE | 116 380 216 190 Extension for reply within second month | 0.00 | | | |
| Large Entity Small Entity | 117 870 217 435 Extension for reply within third month | 0.00 | | | |
| Fee Fee Fee Fee Description | 118 1,360 218 680 Extension for reply within fourth month | 0.00 | | | |
| 101 600 201 245 Helet films for | 128 1,850 228 925 Extension for reply within fifth month | 0.00 | | | |
| 106 310 206 155 Design filing fee 710.00 | 119 300 219 150 Notice of Appeal | 0.00 | | | |
| 107 480 207 240 Plant filing fee | 120 300 220 150 Filing a brief in support of an appeal | 0.00 | | | |
| 108 690 208 345 Reissue filing fee | 121 260 221 130 Request for oral hearing | 0.00 | | | |
| 114 150 214 75 Provisional filing fee | 138 1,510 138 1,510 Petition to institute a public use proceeding | 0.00 | | | |
| | 140 110 240 55 Petition to revive - unavoidable | 0.00 | | | |
| SUBTOTAL (1) (\$) 710.00 | 141 1,210 241 605 Petition to revive - unintentional | 0.00 | | | |
| 2. EXTRA CLAIM FEES | 142 1,210 242 605 Utility issue fee (or reissue) | 0.00 | | | |
| Fee from Ext <u>ra Claims below Fee Paid</u> | 143 430 243 215 Design issue fee | 0.00 | | | |
| Total Claims 5 -20** X = 0 | 144 580 244 290 Plant issue fee | 0.00 | | | |
| Claims — — — — | 122 130 122 130 Petitions to the Commissioner | 0.00 | | | |
| Multiple Dependent =0 | 123 50 123 50 Petitions related to provisional applications | 0.00 | | | |
| **or number previously paid, if greater; For Reissues, see below Large Entity Small Entity | 126 240 126 240 Submission of Information Disclosure Stmt | 0.00 | | | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) | 581 40 581 40 Recording each patent assignment per property (times number of properties) | | | | |
| 103 18 203 9 Claims in excess of 20 | 146 690 246 345 Filing a submission after final rejection | 0.00 | | | |
| 102 78 202 39 Independent claims in excess of 3 | (37 CFR § 1.129(a)) | 0.00 | | | |
| 104 260 204 130 Multiple dependent claim, if not paid | 149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b)) | 0.00 | | | |
| 109 78 209 39 ** Reissue independent claims over original patent | Other fee (specify) | 0.00 | | | |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent | Other fee (specify) | 0.00 | | | |
| SUBTOTAL (2) (\$) 0.00 | Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0. | | | | |
| SUBMITTED BY Complete (if applicable) | | | | | |
| Name (Print/Type) David C. Latriager Dla D. Registration No. 29 523 Telephone 500 (04 407) | | | | | |
| Signature Signature | (Attorney/Agent) 38,333 Telephone 309-624- | / 1 2/0 | | | |

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement This form is estimated to take 0.2 hours to complete Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Addendum

1. Methods For Controlling The Texture Of Alloys Utilizing Equal Channel Angular Extrusion